



2506 #

PATENTDocket No. 2240-7141US1

Express Mail Label No. \_\_\_\_\_

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**CONTINUED PROSECUTION APPLICATION (CPA)  
REQUEST TRANSMITTAL PURSUANT TO 37 C.F.R. § 1.53(d)**

First Named Inventor:  
Thomas G. Thundat

Prior Application: 08/588,484  
Examiner: R. Hanig  
Group Art Unit: 2506

ASSISTANT COMMISSIONER FOR PATENTS  
Box CPA  
Washington, D.C. 20231

1. This is a request for a [XX] Continuation application [ ] Divisional application under 37 C.F.R. § 1.53(d) of prior application serial no. 08/588,484, filed on January 18, 1996 and entitled ELECTROMAGNETIC AND NUCLEAR RADIATION DETECTOR USING MICROMECHANICAL SENSORS

2. The following are enclosed herewith:

[XX] Preliminary Amendment  
[ ] Information Disclosure Statement  
[ ] Copies of References Cited in Information Disclosure Statement

**RECEIVED**

**JAN 08 1998**

**GROUP 2500**

3. [XX] Please enter the Amendment/Request For Reconsideration After Final Rejection filed August 25, 1997 in the above-identified parent application.

4. A Petition for Extension of Time and Fee therefor has been or is being filed in the parent application Serial No. 08/588,484 to extend the time for action in the parent application until December 29, 1997 (under the next business day rule).

5. Please abandon the parent application at a time while the parent application is pending or at a time when the petition for extension of time in that application is granted and while this application is pending and has been granted a filing date, so as to make this application co-pending with said parent application. Please use all the contents of the parent application file wrapper, including the drawings, as the basic papers for the new application.

12/31/1997 KDUNCAN 0000000000 DAB-124503 08580404  
01 FC:131 790.00 CH The fees to be charged are to be based on the number of claims:  
02 FC:103 88.00 CH

a. [XX] remaining after entering the enclosed Amendment.

b. [ ] entered in the parent application as of the date of its abandonment.

c. [ ] remaining after entering the Amendment After Final Rejection filed \_\_\_\_\_ in the above-identified parent application.

CALCULATION OF APPLICATION FEE

Number	Number Extra	Rate for Non-Small Entity	Basic Fee
			\$790.00
Total* Claims	24 -20	4	x \$22.00 \$ 88.00
Independent Claims	3 -3	0	x \$82.00 \$
Multiple Dependent Claims(s)			
	[ ] yes	Additional Fee = \$270.00	\$
	[X] no	Additional Fee = none	

Filing Fee Calculation \$878.00

7.  A statement claiming small entity status is attached or has been filed in the above-identified parent application and its benefit under 37 C.F.R. § 1.28(a) is hereby claimed. Reduced fees under 37 C.F.R. § 1.9 (f) (50% of total) paid herewith \$\_\_\_\_\_.

8.  A check in the amount of \$\_\_\_\_\_ in payment of the CPA application filing fees is attached.

9.  Charge fee to Deposit Account No. 13-4503 Order No. 2240-7141. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

10.  The Assistant Commissioner is hereby authorized to charge any additional fees which may be required for filing this application, including all extension of time fees pursuant to 37 C.F.R. § 1.17 for maintaining copendency with the parent application, or credit any overpayment to Deposit Account No. 13-4503 Order No. 2240-7141. A DUPLICATE COPY OF THIS SHEET IS ATTACHED.

11.  Priority of application Serial No. \_\_\_\_\_, filed on \_\_\_\_\_ in \_\_\_\_\_, is claimed under 35 U.S.C. § 119. (country)

12.  The parent application is assigned of record to Lockheed Martin Energy Research Corporation. Recorded on April 30, 1996, Reel \_\_\_\_\_, Frame \_\_\_\_\_.

13.  An assignment of the invention to \_\_\_\_\_ is attached along with the Assignment Recordation Form cover sheet.

14.  A check in the amount of \$40.00 for recording the Assignment is attached.

\* Includes all independent and single dependent claims and all claims referred to in multiple dependent claims. See 37 C.F.R. § 1.75(c).

15.  The Power of Attorney was filed in the parent application.
16.  A new Power of Attorney has been executed and is attached.

Respectfully submitted,

MORGAN & FINNEGAN, L.L.P.

By: Edward A. Pennington

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Dated: December 29, 1997

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FORM: CPA-TRAN.NY  
Rev. 11/24/97